



TYPICAL DATA SHEET*

ISSUE DATE

Feb-15

GRADE

WWW.TPCO.IR

HD5030EA

IRAN/TABRIZ/TABRIZ PETROCHEMICAL
COMPANY/P.O.BOX:51745-354/TEL:+984114282612

HD5030EA is high density polyethylene copolymer containing butene-1(C4) as comonomer.

HD5030EA has the following characteristics:

good impact strength,excellent surface finish.

Applications:

caps and closures for packaging

PROPERTY	UNIT	TEST METHOD	TYPICAL VALUE
MELT FLOW INDEX(2.16KG)	g/10min	ASTM D-1238	2.2
DENSITY	gr/cm3	ASTM D-1505	0.952
YELLOW INDEX	-	ASTM E-313	-1
WHITENESS INDEX	-	ASTM E-313	60
CONTAMINATION	NO.	BP137	5
VICAT SOFTENING POINT	°C	ASTM D-1525	112
TENSILE STRESS AT YEILD	MPA	ASTM D-638	20
ELONGATION AT BREAK	%	ASTM D-638	1100
CHARPY IMPACT	KJ/M2	ASTM D-6110	15

*All above mentioned data are typical values and not to be construed as real specifications.Users should confirm results by their own tests.For more information about guaranteed items, please refer to S.S.S.(Standard Sales Specifications)

Grade Suffix(Additives Indication):

EA:GENERAL ANTIOXIDANT



**STANDARD SALES SPECIFICATIONS
(GUARANTEED ITEMS)***

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PROPERTY	UNIT	TEST METHOD	SPECIFICATION RANGE
MELT FLOW INDEX (2.16KG)	g/10min	ASTM D-1238	2-2.4
DENSITY	gr/cm3	ASTM D-1505	0.949-0.952
CONTAMINATION	NO.	BP137	≤5 DEFECTS IN 200GR OF PELLETS

*FOR MORE INFORMATION PLEASE CALL QUALITY ASSURANCE DEPARTMENT AT ABOVE ADDRESS

